

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

60

Application Number

10/801,342

Filing Date

March 15, 2004

First Named Inventor

Hyun Jin HWANG

Art Unit

1637

Examiner Name

N/A

Attorney Docket Number

12090-03USA

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Response to Missing Parts/  
Incomplete ApplicationResponse to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

After Allowance communication  
to Technology Center (TC)Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please  
Identify below):Form PTO/SB/08A;  
Return Receipt Postcard; and  
Copy of IDS Cite No. B1 (WO 98/25701 A1)

Remarks

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**Firm  
or  
Individual nameJoseph Hyosuk Kim  
Reg. No. 41,425  
JHK Law

Signature

Date

May 1, 2004

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name

Harry Sung Lee

Signature

Date

May 1, 2004


This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

Hereby certify that on May 1, 2004, which is the date I am signing this certificate, I am depositing this correspondence and all identified attachments with the U.S. Postal Service, with sufficient postage as First Class Mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
Harry Lee

Applicant: Hyun Jin HWANG et al.

Serial No.: 10/801,342

Filed: March 15, 2004

Title: **METHOD AND APPARATUS FOR  
AMPLIFICATION OF NUCLEIC ACID  
SEQUENCES BY USING THERMAL  
CONVECTION**

Examiner: N/A

Art Unit: 1637

Attorney Docket No.: 12090-03USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. § 1.56, the references listed below and on the attached Form PTO/SB/08A (substitute for form 1449/PTO) are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made (37 C.F.R. § 1.97(g)), as an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists. The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. Copies of the cited documents are enclosed.

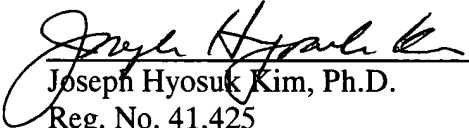
English Language Documents:

1. US 2002/0127152 A1 (September 12, 2002)
2. US 5,919,622 A (July 6, 1999)
3. US 5,589,136 A (December 31, 1996)
4. WO 98/25701 (June 18, 1998)

It is respectfully requested that the Examiner indicate consideration of the cited references by returning a copy of the attached Form PTO/SB/08A with initials or other appropriate marks, and that the references be made of record as cited references in the application.

Respectfully submitted,

Dated May 1, 2004

  
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